



UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/782,807	02/14/2001	David A. Wright	22-0123



Michael S. Yatsko
TRW Inc.
Law Dept.
One Space Park, Bldg. E2/6051
Redondo Beach, CA 90245

CONFIRMATION NO. 9567
FORMALITIES LETTER



OC000000005941313

Date Mailed: 04/06/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An Abstract not to exceed 150 words in length, commencing on a separate sheet (37 CFR 1.72(b)).

*A copy of this notice **MUST** be returned with the reply.*

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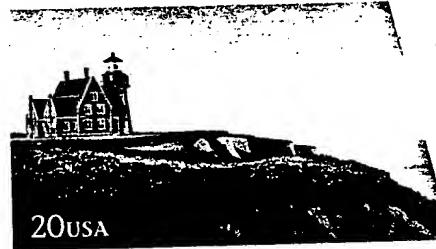


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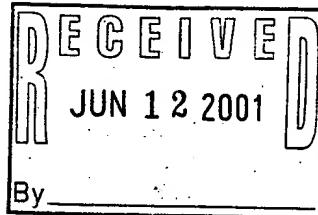
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JUN - 4 2001



Patent Counsel
TRW Inc., Law Dept.
One Space Park, E2/6051
Redondo Beach, CA 90278



DOCKET NO. 22-0123

Assistant Commissioner for Patents

Attached hereto is: Request for Correction of Notice of Reoordation, original Notice of Recordation, PTO-1595 and Assignment

APPLICANT: David A. Wright
SERIAL NO.: 09/782,807
FILED: Feb. 14, 2001
FOR: Encapsulation Method and Apparatus for Communicating Fixed-Length Data Packets Through An Intermediate Network

PLEASE indicate receipt of the above by affixing your office date stamp hereon.

TRW Inc.
Space & Electronics Group

May 30, 2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Inventor: David A. Wright, et al.

DOCKET NO. 22-0123

Serial Number: 09/782,807

Filed: February 14, 2001

For: ENCAPSULATION METHOD AND
APPARATUS FOR COMMUNICATING
FIXED-LENGTH DATA PACKETS THROUGH
AN INTERMEDIATE NETWORK



**REQUEST FOR CORRECTION OF NOTICE OF RECORDATION OF
ASSIGNMENT DOCUMENT**

U.S. Patent and Trademark Office
Assignment Division
Box Assignments, CG-4
1213 Jefferson Davis Hwy., Suite 320
Washington, D.C. 20231

Sir/Madam:

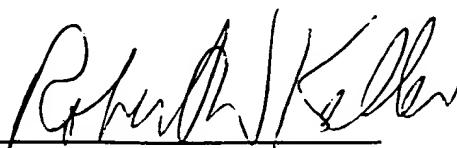
Applicants respectfully request correction of the Notice of Recordation of Assignment Document for the above-identified application (see attached copy of the Notice of Recordation). Please add ASSIGNOR NAME and DOC DATE as follows:

WILLIAMS, RHON L.

01/26/2001

Respectfully Submitted,

By



Robert W. Keller
Reg. 25,347
Attorney for Applicant

Dated: May 30, 2001

TRW Inc.
Bldg. E2/6051
One Space Park
Redondo Beach, CA 90278
Tele: (310) 812-1520
Fax: (310) 812-2687

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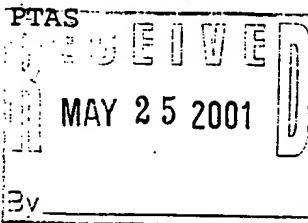


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

C+T JM

MAY 18, 2001

TRW INC.
PATENT COUNSEL, SEG LAW DEPT.
BLDG. E2/6051
ONE SPACE PARK
REDONDO BEACH, CA 90278



101639457A

52-0123

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/14/2001

REEL/FRAME: 011580/0789
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WRIGHT, DAVID A.

DOC DATE: 01/30/2001

ASSIGNOR:
MANN, MICHAEL W.

DOC DATE: 01/19/2001

ASSIGNOR:
FALK, AARON D.

DOC DATE: 01/19/2001

ASSIGNEE:
TRW INC.
SEG LAW DEPT., BLDG. E2/6051, ONE
SPACE PARK
REDONDO BEACH, CALIFORNIA 90278

SERIAL NUMBER: 09782807
PATENT NUMBER:

FILING DATE: 02/14/2001
ISSUE DATE:

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011580/0789 PAGE 2

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
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101639457

To the Honorable Commissioner of Patents a.

1. Name of conveying party(ies):

David A. Wright

Michael W. Mann

Aaron D. Falk

Additional name(s) of conveying party(ies) attached? Yes No

2/14/01

2. Name and address of receiving party(ies):

Name: TRW Inc.

Internal Address: SEG Law Dept.

PRO
02/14/01

109965/782807

109965/782807

109965/782807

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 19, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 19, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09782807

Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Counsel

Internal Address: TRW Inc.

SEG Law Dept.

Bldg. E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

20-1515

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of

Michael S. Yatsko
Name of Person Signing

Michael S. Yatsko
Signature

02/14/01

Date

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Total number of pages including cover sheet, attachments, and document:

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03/14/2001 STON11 00000287 201515 09782807

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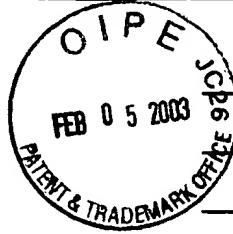
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RECORDATION FORM COVER SHEET U.S.
PATENTS ONLY(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)DEPARTMENT OF COMMERCE
Patent and Trademark Office

1. Name of conveying party(ies):

Rhon L. Williams

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

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B. Patent No.(s)

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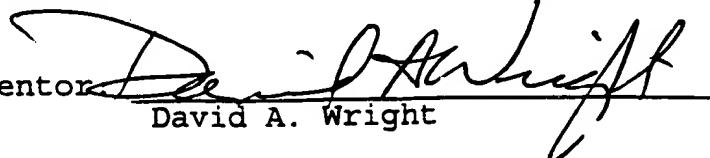
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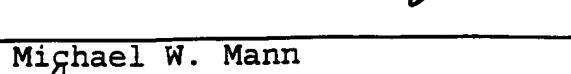
ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we David A. Wright, Michael W. Mann, Aaron D. Falk and Rhon L. Williams respectively, of Hermosa Beach, California; Gilbert, Arizona; Norwalk, Connecticut; and Manhattan Beach, California do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements in ENCAPSULATION METHOD AND APPARATUS FOR COMMUNICATING FIXED-LENGTH DATA PACKETS THROUGH AN INTERMEDIATE NETWORK which has been invented by us, as described in the application for United States Patent which we executed respectively, on January 30, 2001, January 19, 2001, January 24, 2001, and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said TRW Inc., or its successors or assigns, and agree that on request and without further consideration, but at the expense of TRW Inc., we will communicate to TRW Inc. or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid TRW Inc., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

January 30th 2001
2000

Inventor: 
David A. Wright

January 19, 2000

Inventor: 
Michael W. Mann

January 26, 2001
2000

Inventor: 
Aaron D. Falk

Inventor: 
Rhon L. Williams



C+T DM
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

22-0123

JUNE 13, 2001

PTAS



101715516A

TRW INC.
PATENT COUNSEL, SEG LAW DEPT.
BLDG. E2/6051
ONE SPACE PARK
REDONDO BEACH, CA 90278

JUN 20 2001

By _____

CORRECTED
NOTICE

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ASSIGNOR:

FALK, AARON D.

DOC DATE: 01/19/2001

ASSIGNOR:

WILLIAMS, RHON L.

DOC DATE: 01/26/2001

ASSIGNEE:

TRW INC.
SEG LAW DEPT., BLDG. E2/6051, ONE
SPACE PARK
REDONDO BEACH, CALIFORNIA 90278

SERIAL NUMBER: 09782807

FILING DATE: 02/14/2001
ISSUE DATE:

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101715516

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David A. Wright

Michael W. Mann

Aaron D. Falk

Additional name(s) of conveying party(ies) attached? Yes No

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Name: TRW Inc.

Internal Address: SEG Law Dept.

Street Address: Bldg. E2/6051

One Space Park

City: Redondo Beach State: CA ZIP: 90278

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 19, 2001

4. Application number(s) or patent number(s):

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B. Patent No.(s)

09782807

Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Counsel

Internal Address: TRW Inc.

SEG Law Dept.

Bldg. E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA 90278

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

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8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of

Michael S. Yatsko

Name of Person Signing

02/14/01

Date

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(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

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Patent and Trademark Office

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Rhon L. Williams

Additional name(s) of conveying party(ies) attached? Yes No

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City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

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City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 19, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

Yes No

10986 U.S. PRO 09/182807 02/14/01



MHM 12742 US01
DOCKET NO. 22-0123

Assistant Commissioner for Patents

Attached hereto is: Util. Pat. Appl. Trans., Fee Trans. in dupl.,
New Pat. Appl. (37pgs., Specif. 27pgs., Claims (28), Abstract),
6 Sheets Formal Drawings (Figs. 1-8), Declaration, Assignment
(w/PTC-1595 in dupl.)

APPLICANT: David A. Wright, et al.

SERIAL NO.:

FILED: February 14, 2001

FOR: ENCAPSULATION METHOD AND APPARATUS FOR COMMUNICATING
FIXED-LENGTH DATA PACKETS THROUGH AN INTERMEDIATE
NETWORK

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TRW Inc.
Space & Electronics Group

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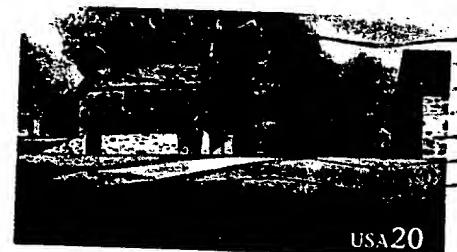
Michael S. Yatsko, Sr. Counsel
TRW Inc.
SEG Law Dept.
One Space Park, Bldg. E2/6051
Redondo Beach, CA 90278

TO: (PLEASE PRINT)

PHONE

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

TRW Docket No. 22-0123



Michael S. Yatsko, Senior Counsel
TRW Inc., Law Department
One Space Park, E2/6051
Redondo Beach, CA 90278

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PATENT & TRADEMARK OFFICE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 22-0123

First Inventor or Application Identifier David A. Wright

Title See 1 in Addendum

Express Mail Label No. EL112149727US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 37]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration [Total Pages 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES. A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ /

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>	or <input checked="" type="checkbox"/> Correspondence address below		
Name TRW Inc.	RECEIVED FEB 06 2003		
Address Law Dept. One Space Park, Bldg. E2/6051	OFFICE OF PETITIONS		
City Redondo Beach	State CA	Zip Code 90245	
Country U.S.A.	Telephone 310-812-4910	Fax 310-812-2687	

Name (Print/Type)	Michael S. Yatsko	Registration No. (Attorney/Agent)	28,135
Signature	<i>Michael S. Yatsko</i>		Date 02/14/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal

1. ENCAPSULATION METHOD AND APPARATUS FOR COMMUNICATING
FIXED-LENGTH DATA PACKETS THROUGH AN INTERMEDIATE NETWORK

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